Note: This datasheet may be out of date.

Please download the latest datasheet of DLP31DN900ML4# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=DLP31DN900ML4%23

"#" indicates a package specification code.

DLP31DN900ML4#





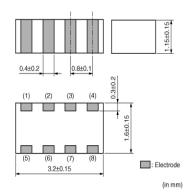


< List of part numbers with package codes > DLP31DN900ML4B DLP31DN900ML4L



Appearance & Shape





Арр

Applications

Other Usage	For general
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Packaging Information

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	500
L	180mm Embossed Tape	3000



Features

DLP31D series is chip common mode choke coil array which realizes high coupling and high impedance in a small size with ferrite material technology and thin film processing technology.

Features

- 1. 2 components are included in 3.2x1.6mm
- 2. Thin type 1.15mm
- 3. High common mode Impedance characteristics (max. 440 ohm, at 100MHz)
- 4. DLP31D can suppress common mode noise without damage to signal wave.

Applications

Common mode noise suppression of high speed differential signal lines for USB, IEEE1394, LVDS

- 1. Main board of personal computers, note PCs
- 2. Printers, Scanners
- 3. LCD monitors
- 4. Game equipment
- 5. PC peripheral equipment

1 of 3

Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications

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Specifications

Shape	SMD
Size Code (in mm)	3216
Size Code (in inch)	1206
Length	3.2mm
Length Tolerance	±0.15mm
Width	1.6mm
Width Tolerance	±0.15mm
Thickness	1.15mm
Thickness Tolerance	±0.15mm
Common Mode Impedance (at 100MHz)	90Ω
Common Mode Impedance (at 100MHz) Tolerance	±20%
Rated Current	160mA
Derating of Rated Current	No
Rated Voltage	10Vdc
Withstanding Voltage	25Vdc
DC Resistance(max.)	1.1Ω
DC Resistance	1.1Ω max.
Insulation Resistance(min.)	100ΜΩ
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.03g
Number of Circuit	2
Operating Temperature Range(Self-temperature rise is included)	No

2 of 3

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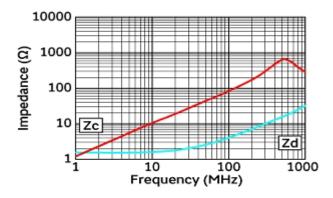
Manufacturing Co., Ltd.

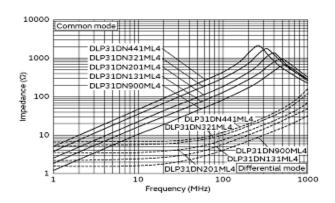
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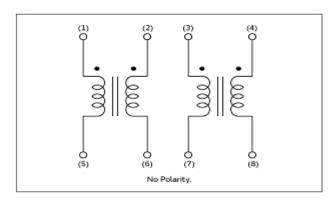






Impedance-Frequency Characteristics

Impedance-Frequency Characteristics (Main Items)



Equivalent Circuit

3 of 3

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